

Table 2-3
Wastes Generated by MINS and disposed within IA H1
Feasibility Study
Investigation Area H1
Mare Island, Vallejo, California

Waste Generated	Amount	Source	Disposal Method	Years Disposed	Literature Cited	Subarea(s) Affected
Mercury	"minor amounts"	Central Tool Shop	Landfill	Unknown, Prior to 1982	E&E, 1983	Historical Disposal Areas ^a , Landfill Subarea
Oily and solvent-saturated rags	Unknown	Central Tool Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Oily metal cuttings generated by lathes and drill presses	Unknown	Central Tool Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Sandblast abrasive ^b	1 drum per year (as of 1982)	Central Tool Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Battery elements	Unknown	Defense Property Disposal Office	Landfill	Prior to 1972	E&E, 1983	Historic Disposal Areas, Landfill Subarea
Paint skim and empty paint cans	"minor amounts"	Forge Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Coolant wastes	1500 gallons/year	Inside Machine Shop	Landfill	"From 1965 to 1982, a central 200-cf dumpster was used for the collection of all coolants, hydraulic oils, and other wastes and their containers. The containers were hauled to the station landfill"	E&E, 1983	Landfill Subarea
Hydraulic oil wastes	500 gallons/year	Inside Machine Shop	Landfill	"From 1965 to 1982, a central 200-cf dumpster was used for the collection of all coolants, hydraulic oils, and other wastes and their containers. The containers were hauled to the station landfill"	E&E, 1983	Landfill Subarea
Mercury wastes from broken or discarded test manometers	Unknown	Inside Machine Shop	Landfill	"From 1965 to 1982, a central 200-cf dumpster was used for the collection of all coolants, hydraulic oils, and other wastes and their containers. The containers were hauled to the station landfill"	E&E, 1983	Landfill Subarea
Fluorescent Lights	Unknown	Inside Machine Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea

Table 2-3 (continued)
Wastes Generated by MINS and disposed within IA H1
Feasibility Study
Investigation Area H1
Mare Island, Vallejo, California

Waste Generated	Amount	Source	Disposal Method	Years Disposed	Literature Cited	Subarea(s) Affected
Asbestos gloves and pads	Unknown	Inside Machine Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Metal scrap, slag, dust containing manganese, bronze, and zinc	Unknown	Metallurgy Laboratory	Unknown	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Discarded wound dressings, biological tissue, empty pharmaceutical containers, infection wastes	Unknown	Naval Hospital	Landfill or incineration at Railroad Ave and 14th St	Prior to 1957	E&E, 1983	Historic Disposal Areas, Landfill Subarea
Laboratory reagents, swabs, wound dressings, empty or out-of-date pharmaceutical containers	"small volumes"	Naval Regional Medical Center Branch Clinic	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Waste deglazing solvent, electrostatic solution, blanket wash	Unknown	Navy Publication and Printing Service Branch Office	Landfill	Unknown	E&E, 1983	Historic Disposal Areas, Landfill Subarea
Lubricant Oils	100-200 gallons/year	Outside Machine Shop	Landfill	Starting in 1970	E&E, 1983	Landfill Subarea
Solvents	Less than 50 gallons/year	Outside Machine Shop	Landfill	Starting in 1970	E&E, 1983	Landfill Subarea
Asbestos waste	100 pounds/year	Outside Machine Shop	Landfill	Starting in 1970	E&E, 1983	Landfill Subarea
Metal shavings occasionally containing lead	500 pounds/year	Outside Machine Shop	Landfill	Starting in 1970	E&E, 1983	Landfill Subarea
Waste solvents such as toluene, methyl ethyl ketone, trichloroethane	Unknown	Paint and Rubber Shop Laboratory	Disposed by Public Works personnel.	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Solvents including xylene, toluene, methyl ethyl ketone, ethanol, butyl acetate, methyl ethyl acetate	10-15 gallons/month	Paint and Rubber Shop Laboratory	Landfill	1964 to at least 1982	E&E, 1983	Landfill Subarea
Paint	Multiple truckloads of paint	Paint and Rubber Shop Laboratory	Landfill	Between 1930 and 1950	E&E, 1983	Historical Disposal Areas
Scrap rubber	100 pounds/month	Paint and Rubber Shop Laboratory	Unknown	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Paint sludge, old brushes, paint and solvent containers, rags	2-4 cubic yards/week	Paint Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Paint and solvents cans	2 cubic yards/week	Paint Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea

Table 2-3 (continued)
Wastes Generated by MINS and disposed within IA H1
Feasibility Study
Investigation Area H1
Mare Island, Vallejo, California

Waste Generated	Amount	Source	Disposal Method	Years Disposed	Literature Cited	Subarea(s) Affected
Paint sludge	120 cubic yards/year	Paint Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Sandblast Abrasive	400 cubic yards/year	Paint Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
"Black Diamond" and garnet	Unknown	Paint Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Sandblast Abrasive	750 cubic yards/year	Paint Shop	Landfill, piles throughout the island, Mare Island Strait, Minor amounts in IW Pipeline	Starting in 1975	E&E, 1983	Historical Disposal Areas, Landfill Subarea, IW Pipeline
Wastewater contaminated with alcohol, ketones, thinners, epoxies, paints, Brulin cleaner, silver nitrate, glacial acetic acid, Oakite, tetrafluoroethylene	200 gallons per day - Total (liquid, solids, floatables)	Paint Shop	SSTP, IWTP, solids and floatables to landfill	Unknown	E&E, 1983	IWTP, IW Pipeline, Sludge Treatment/Surface Impoundment Subarea, Landfill
Empty pesticide containers, rinsed three times before disposal	Unknown	Pesticides	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Oil-covered metal shavings and waste light oil	100 pounds/month	Pipe Shop	Landfill	Unknown	E&E, 1983	Historic Disposal Areas, Landfill Subarea
Spun glass, Formica cuttings	Less than 100 pounds/month	Sheetmetal Operation	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Lubricating oils, cleaners, liquid wastes	300 gallons per years as of 1982	Shipfitting shop	Unknown	Unknown	E&E, 1983	Waste Sump/Lead Oxide Subarea, IWTP, IW Pipeline, Landfill, Historical Disposal Areas
Empty containers of penetrants, developers, and removers and used Kimwipes	150 pounds kimwipes/year, Less than 200 test material spray cans	Welding Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea
Asbestos gloves and pads	Unknown	Welding Shop	Landfill	Prior to late 1970s	E&E, 1983	Historical Disposal Areas, Landfill Subarea

Table 2-3 (continued)
Wastes Generated by MINS and disposed within IA H1
Feasibility Study
Investigation Area H1
Mare Island, Vallejo, California

Waste Generated	Amount	Source	Disposal Method	Years Disposed	Literature Cited	Subarea(s) Affected
Wood scrap, sawdust, paint, paint thinner, brush cleaner, some resins	100 gallons/year of cleaner, thinners, and resin	Woodworking Shop	Landfill	Unknown	E&E, 1983	Historical Disposal Areas, Landfill Subarea

^a Historic Disposal Areas include portions or all of the following subareas: Northwest Dump Road Subarea, West Subarea, Landfill Subarea, Waste Disposal Sump/ Lead Oxide Storage and Disposal Area, Sludge Treatment/ Surface Impoundment Area, Solid Waste Disposal/Lead Oxide Storage Area

^b "Sandblast abrasive" consists of a nickel and copper slag abrasive containing paint, organotin, anti-corrosion material, marine growth, lead, mercury, copper, rust, scale, and other metals